

EIIP Project Outline

Sponsoring Committee: Area Sources Committee

Project Title: Update EIIP Area Source Solvent Emission Estimation Methods

Contractor Support Funds: \$50,000

Description of Activities:

Many of the EIIP area source solvent estimation methods and emission factors are based on allocating national solvent consumption data to state and local locations. Due to process changes and introduction of new technology, the national solvent consumption patterns have changed over time. The methods and data used to estimate solvent consumption for VOC and specific HAPs (hazardous air pollutants) will be updated for the following source categories:

- Architectural surface coatings
- Automobile refinishing
- Traffic paints
- Industrial coating operations
- Surface cleaning (degreasing)
- Consumer and commercial products
- Graphic arts
- Pesticide application
- Dry cleaning
- Industrial adhesives and sealants
- Wood preserving
- Process solvents and other operations

Updated solvent consumption will be allocated to counties. Information will be gathered to estimate / document controls in place on the solvent consumed.

Deliverables:

A series of technical memos will be prepared to present project results on: available spatial allocation methods; growth methods and surrogates; 1999 solvent consumption by state/ county; controls in place and point source vs area source portions; and emissions values.

Significant Dates (Start, End, Milestones):

Start - May00

End - Sep00

Milestones - Updated 1999 solvent consumption - Jul00; Revised EIIP chapters - Aug00.

Comments:

Contact for Additional Information:

Ms. Lee Tooly, EPA Emission Factors & Inventory Group